



CAU- 1634 \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 1634

In re

Patent Application of

Eric Henderson, et al.

Application No. 09/929,865

Confirmation No.: 8708

Filed: August 14, 2001

Examiner: Betty Forman

"NANOSCALE MOLECULAR ARRAYER"

I, Leslie Lindsay Smith, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

L. L. Smith
Signature

19 Sept. 2003
Date of Signature

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT PURSUANT TO 37 CFR §1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO 1449 and copies of which are attached. This Statement is also being accompanied by a check in payment of the \$180.00 fee required under 37 CFR §1.17(p). Please charge or credit Deposit Account No. 50-0842 with any shortage or overpayment of the required fee.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate. A copy of each reference listed is attached.

09/29/2003 SFELEKE1 00000050 09929865

01 FC:1806

180.00 DP

Respectfully submitted,

Jill A. Fahrlander
Jill A. Fahrlander
Reg. No. 42,518

File No. 016348-9005
Michael Best & Friedrich LLP
One South Pinckney Street
P. O. Box 1806
Madison, WI 53701-1806
(608) 257-3501

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, et al.
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAMINER R INITIAL		DOCUMENT NUMBER	DATE	NAME	C L A S S	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	USSN 09/974,757 US 2002/0042081	04/11/2002	Henderson <i>et al.</i>			
	AB	USSN 09/929,865 US 2002/0076927	06/20/2002	Henderson <i>et al.</i>			
	AC						
	AD	USSN 10/179,102 US 2003/0013111	01/16/2003	Henderson <i>et al.</i>			
	AE	USSN 10/160,372 US 2002/0172943 A1	11/21/2002	Henderson <i>et al.</i>			
	AF	USSN 10/128,727 US 2002/0123135	09/05/2002	Henderson <i>et al.</i>			
	AG						
	AH	US 2002/0179434 A1	12/05/2002	Dai <i>et al.</i>			
	AI	US 2002/0146714 A1	10/10/2002	Lieber <i>et al.</i>			
	AJ	US 2002/0122873 A1	09/05/2002	Mirkin <i>et al.</i>			
	AK	US 2002/0114987 A1	08/22/2002	Oscarsson <i>et al.</i>			
	AL	US 2002/0063212 A1	05/30/2002	Mirkin <i>et al.</i>			
	AM	4,728,591	03/01/1988	Clark <i>et al.</i>			
	AN	5,106,729	04/21/1992	Lindsay <i>et al.</i>			
	AO	5,138,174	08/11/1992	Tang			
	AP	5,143,854	09/01/1992	Pirrung <i>et al.</i>			
	AQ	5,314,829	05/24/1994	Coles			
	AR	5,346,683	09/13/1994	Green <i>et al.</i>			
	AS	5,363,697	11/15/1994	Nakagawa			
	AT	5,372,930	12/13/1994	Colton <i>et al.</i>			
	AU	5,384,261	01/24/1995	Winkler <i>et al.</i>			
	AV	5,440,122	08/08/1995	Yasutake			
	AW	5,443,791	08/22/1995	Cathcart <i>et al.</i>			
	AX	5,445,934	08/29/1995	Fodor <i>et al.</i>			
	AY	5,445,971	08/29/1995	Rohr, T.			
	AZ	5,453,970	09/26/1995	Rust <i>et al.</i>			
	BA	5,467,642	06/09/1998	Hosaka <i>et al.</i>			
	BB	5,472,881	12/05/1995	Beebe <i>et al.</i>			
	BC	5,482,601	01/09/1996	Ohshima, <i>et al.</i>			
	BD	5,514,540	05/07/1996	Teoule <i>et al.</i>			
	BE	5,514,550	05/07/1996	Findlay <i>et al.</i>			
	BF	5,519,212	05/21/1996	Elings <i>et al.</i>			
	BG	5,532,128	07/02/1996	Eggers <i>et al.</i>			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005

SERIAL NO.: 09/929,865

APPLICANT: Henderson, et al.

FILING DATE: August 14, 2001

CONFIRMATION NO. 8708

GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



	BH	5,571,639	11/05/1996	Hubbell <i>et al.</i>			
	BI	5,601,982	02/11/1997	Sargent <i>et al.</i>			
	BJ	5,604,097	02/18/1997	Brenner			
	BK	5,620,854	04/15/1997	Holzrichter <i>et al.</i>			
	BL	5,666,190	09/09/1997	Quate <i>et al.</i>			
	BM	5,670,322	09/23/1997	Eggers <i>et al.</i>			
	BN	5,688,486	11/1/8/1997	Watson <i>et al.</i>			
	BO	5,720,928	02/24/1998	Schwartz			
	BP	5,744,305	04/28/1998	Fodor <i>et al.</i>			
	BQ	5,753,088	05/19/1998	Olk, C.			
	BR	5,760,300	06/02/1998	Kajimura, H.			
	BS	5,763,768	06/09/1998	Henderson <i>et al.</i>			
	BT	5,789,167	08/04/1998	Konrad			
	BU	5,800,992	09/01/1998	Fodor <i>et al.</i>			
	BV	5,837,832	11/17/1998	Chee <i>et al.</i>			
	BW	5,840,862	11/24/1998	Bensimon <i>et al.</i>			
	BX	5,846,724	12/08/1998	Bensimon <i>et al.</i>			
	BY	5,851,769	12/22/1998	Gray <i>et al.</i>			
	BZ	5,866,328	02/02/1999	Bensimon <i>et al.</i>			
	CA	5,866,434	02/02/1999	Massey <i>et al.</i>			
	CB	5,874,219	02/23/1999	Rava <i>et al.</i>			
	CC	5,874,668	02/23/1999	Xu <i>et al.</i>			
	CD	5,958,701	09/28/1999	Green <i>et al.</i>			
	CE	5,965,133	10/12/1999	Cantor <i>et al.</i>			
	CF	5,981,733	11/09/1999	Gamble <i>et al.</i>			
	CG	5,985,356	11/16/1999	Schultz <i>et al.</i>			
	CH	5,992,226	11/30/1999	Green <i>et al.</i>			
	CI	5,993,627	11/30/1999	Anderson <i>et al.</i>			
	CJ	6,004,617	12/21/1999	Schultz <i>et al.</i>			
	CK	6,024,925	02/15/2000	Little <i>et al.</i>			
	CL	6,033,911	03/07/2000	Schultz <i>et al.</i>			
	CM	6,045,671	04/04/2000	Wu <i>et al.</i>			
	CN	6,080,586	06/27/2000	Baldeschwieler <i>et al.</i>			
	CO	6,083,763	07/04/2000	Balch			
	CP	6,087,274	07/11/2000	Tonucci <i>et al.</i>			
	CQ	6,110,426	08/29/2000	Shalon <i>et al.</i>			
	CR	6,123,819	09/26/2000	Peeters			
	CS	6,143,574	11/07/2000	Karlsson <i>et al.</i>			
	CT	6,146,899	11/14/2000	Porter <i>et al.</i>			
	CU	6,159,742	12/12/2000	Lieber <i>et al.</i>			
	CV	6,171,797 B1	01/09/2001	Perbost			
	CW	6,180,114	01/30/2001	Yager			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005

SERIAL NO.: 09/929,865

APPLICANT: Henderson, et al.

FILING DATE: August 14, 2001

CONFIRMATION NO. 8708

GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



	CX	6,200,737	03/13/2001	Walt <i>et al.</i>			
	CY	6,203,814 B1	03/20/2001	Fisher <i>et al.</i>			
	CZ	6,214,552	04/10/2001	Heroux, <i>et al.</i>			
	DA	6,218,122	04/17/2001	Friend <i>et al.</i>			
	DB	6,231,744 B1	05/15/2001	Ying <i>et al.</i>			
	DC	6,232,706 B1	05/15/2001	Dai <i>et al.</i>			
	DD	6,239,273 B1	05/29/2001	Pease <i>et al.</i>			
	DE	6,255,469	07/03/2001	Seeman <i>et al.</i>			
	DF	6,270,946	08/07/2001	Miller			
	DG	6,278,231 B1	08/21/2001	Iwasaki <i>et al.</i>			
	DH	6,284,497 B1	09/04/2001	Sabanayagam <i>et al.</i>			
	DI	6,287,850 B1	09/11/2001	Besemer <i>et al.</i>			
	DJ	6,289,717	09/18/2001	Thundat <i>et al.</i>			
	DK	6,309,831 B1	10/30/2001	Goldberg <i>et al.</i>			
	DL	6,329,209 B1	12/11/2001	Wagner <i>et al.</i>			
	DM	6,331,396 B1	12/18/2001	Silverman			
	DN	6,350,609	02/26/2002	Morozov <i>et al.</i>			
	DO	6,395,554	05/28/2002	Regan <i>et al.</i>			
	DP	6,406,921 B1	06/18/2002	Wagner <i>et al.</i>			
	DQ	6,416,952	07/09/2002	Pirung <i>et al.</i>			
	DR	6,420,105	07/16/2002	Landfield <i>et al.</i>			
	DS	6,436,647 B1	08/20/2002	Quate <i>et al.</i>			
	DT	6,518,168	02/11/2003	Clem <i>et al.</i>			
	DU	6,573,369 USSN 09/574,519	06/03/2003	Henderson <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	DV	JP 08094646	4/12/1996	SHIMADZU CORP			ABS
	DW	JP 07027771	1/31/1995	HITACHI LTD.			ABS
	DX	JP 06124680	1994	JEOL LTD.			ABS
	DY	WO 98/05920	2/12/1998	WILLIAM MARSH RICE UNIVERSITY (COLBERT)			
	DZ	WO 92/15709	9/17/1992	ABBOTT LABORATORIE			
	EA	WO 96/31775	10/10/1996	OSCARSSON			
	EB	WO 97/06420	02/02/1997	BENSIMON			
	EC	WO 97/18326	05/22/1997	PASTEUR INSTITUTE			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005

SERIAL NO.: 09/929,865

APPLICANT: Henderson, et al.

FILING DATE: August 14, 2001

CONFIRMATION NO. 8708

GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



	ED	WO 98/18959	5/7/1998	PASTEUR INSTITUTE			
	EE						
	EF	WO 99/31267	6/24/1999	SEPRACOR INC.			
	EG	WO 00/04382	1/27/2000	ZYOMYX, INC.			
	EH	WO 00/04389	1/27/2000	ZYOMYX, INC.			
	EI	WO 00/04390	1/27/2000	ZYOMYX, INC.			
	EJ	WO 00/36136	6/22/2000	PALATIN TECHNOLOGIES, INC.			
	EK	WO 00/41213	7/13/2000	NORTHWESTERN UNIVERSITY			
	EL	WO 00/46406	8/10/2000	ALPHAGENE, INC.			
	EM	WO 01/60316	08/23/2001	OSCARSSON, SVEN			
	EN	WO 01/918555	12/06/2001	NORTHWESTERN UNIVERSITY			
	EO	WO 03/001633	01/03/2003	NORTHWESTERN UNIVERSITY			
	EP	WO 03/036767	05/01/2003	UNIVERSITY OF ILLINOIS			
	EQ	WO 03/038033	05/08/2003	NORTHWESTERN UNIVERSITY			
	ER	WO 03/048314	06/12/2003	MIRKIN			
	ES	WO 03/052514	06/26/2003	NORTHWESTERN UNIVERSITY			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ET	"Microbeam Mass Spectrometry" <i>Chemical Science and Technology Laboratory, Surface and Microanalysis Science Division</i> http://www.cstl.nist.gov/div837/Divisoin/expertise/ions/masspec1.htm 7/18/2002.
EU	Abstracts of Papers Part I, 214 th "Abstract 027" <i>ACS National Meeting American Chemical Society</i> , September 1997, 2 pgs.
EV	ALLISON, D., <i>et al.</i> , "Direct atomic force microscopy imaging of <i>EcoRI</i> endonuclease site specifically bound to plasmid DNA molecules" <i>PNAS USA</i> , 1996, 93:8826-8829.
EW	ALLISON, D., <i>et al.</i> , "Mapping Individual Cosmid DNAs by Direct AFM Imaging" <i>Genomics</i> , 1997, 41:379-384.
EX	ALVES, <i>et al.</i> , "Atomic scale imaging of alkanethiolate monolayers at gold surfaces with atomic force microscopy: <i>J. Am. Chem. Soc.</i> , February 1992, 114(4):1222-1227.
EY	AMRO, <i>et al.</i> , "Patterning surfaces using tip-directed displacement and self-assembly" <i>Langmuir</i> , 2000, 16:3006-3009.
EZ	ANWANDER, <i>et al.</i> , "Surface characterization and functionalization of MCM-41 silicas via silazane silylation" <i>J. Phys. Chem. B.</i> , 2000, 104:3532-3544.
FA	ARNTZ, <i>et al.</i> , "Label-free protein assay based on a nanomechanical cantilever array" <i>Nanotechnology</i> , 14 (2003) 86-90.
FB	AUSUBEL, F.M., <i>et al.</i> "Current Protocols in Molecular Biology" 1993 ed. Vol. 1&2, 1993, Green Publishing Associates and Wiley-Interscience.
FC	AVOURIS, P., <i>et al.</i> , "Engineering Carbon Nanotubes and Nanotube Circuits Using Electrical Breakdown" <i>Science</i> , April 2001, 292(5517):706-799..
FD	BAILEY, C.P., <i>et al.</i> , "Cationic oligonucleotides can mediate specific inhibition of gene expression in <i>Xenopus</i> oocytes" <i>Nuc. Acids Res.</i> , 1998, 26(21):4860-4867.
FE	BAIN, <i>et al.</i> , "Modeling organic surfaces with self-assembled monolayers" <i>Agnew. Chem. Int. Ed. Engl.</i> , 1989, 28(4):506-512.
FF	BASELT, D.R., <i>et al.</i> , "A biosensor based on magnetoresistance technology" <i>Biosens. Bioelectorn</i> , 1998, 13(7-8):731-739.
FG	BEDOUELLE, H., "Reagentless fluorescent Immunosensors" <i>Antibody Engineering</i> , IBC's 13 th International Conference, December 2, 2002.
FH	BELAUBRE, P. <i>et al.</i> , "Fabrication of biological microarrays using microcantilevers" <i>Applied Physics Letters</i> , 5 May 2003, 82(18):3122-3124.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FI	BENSIMON, A., <i>et al.</i> , "Alignment and sensitive detection of DNA by a moving interface" <i>Science</i> , 1994, Sep 30; 265(5181):2096-2098 [PMID 7522347] Abstract.
FJ	BERGGREN, <i>et al.</i> , "Microlithography by using neutral metastable atoms and self-assembled monolayers" <i>Science</i> , September 1995, 269(5228):1255-1257.
FK	BERNARD, <i>et al.</i> "Printing patterns of proteins" <i>Langmuir The ACS Journal of Surfaces and Colloid</i> , April 1998, 14(9):2225-2229.
FL	BINGGELI, <i>et al.</i> , "Influence of capillary condensation of water on nanotribology studied by force microscopy" <i>Appl. Phys. Lett.</i> , July 1994, 65(4):415-417.
FM	BINNING, <i>et al.</i> , "Surface studies by scanning tunneling microscopy" <i>Phys. Rev. Lett.</i> , 1982, 49(1):57-61.
FN	BINNING, G., <i>et al.</i> , "Atomic force microscope" <i>Phys. Rev. Lett.</i> , 1986, 56(9):930-933.
FO	BISHOP, <i>et al.</i> , "Self-assembled monolayers: recent developments and applications" <i>Colloid & Interface Science</i> , February 1996, 1:127-136.
FP	BOTTOMLEY, L., "Scanning probe microscopy" <i>Anal. Chem.</i> , June 1998, 70(12):425R-475R.
FQ	BRANDOW, S., <i>et al.</i> , "Metal pattern fabrication using the local electric field of conducting atomic force microscope probe" <i>J. Vac. Sci. Technol.</i> , May/June 1997, 15(3):1455-1459.
FR	BRENNER, S., <i>et al.</i> , "Gene expression analysis by massively parallel signature sequencing (MPSS) on microbead arrays" <i>Nat. Biotechnol</i> 2000, June 18(6):630-634, 2000.
FS	BRODY, E., and Gold, L., "Aptamers as therapeutic and diagnostic agents" <i>Molecular Biotechnology</i> , 2000, 74:5-13.
FT	BRUCKBAUER, <i>et al.</i> , "Writing with DNA and Protein Using a Nanopipet for Controlled Delivery" <i>JACS</i> , 2002, A-B.
FU	BULYK, <i>et al.</i> , "Quantifying DNA-protein interactions by double-stranded DNA arrays" <i>Nature Biotechnology</i> , June 1999, 17:573-577.
FV	BUSTAMANTE C., <i>et al.</i> , "Circular DNA Molecules Imaged in Air by Scanning Force Microscopy" <i>Biochemistry</i> , 1992, 31:22-26
FW	BUSTAMANTE, C., <i>et al.</i> , "Biochemical and structural applications of scanning force microscopy" <i>Curr. Opin. Struct. Biol.</i> , 1994 4(5):750-760.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FX	CARR, <i>et al.</i> , "High-selectivity pattern transfer process for self-assembled monolayer electron beam resists" <i>J. Vac. Sci. Technol.</i> , May/June 1997, 15(3):1446-1450.
FY	CHENG, <i>et al.</i> , "Preparation and hybridization analysis of DNA/RNA from <i>E. coli</i> on microfabricated bioelectronic chips" <i>Nature Biotechnology</i> , 1998, 16:541-546.,
FZ	CHRISEY <i>et al.</i> , "Fabrication of patterned DNA surfaces" <i>Nucleic Acids Research</i> , (10/1996)24(15):3040-3047.
GA	CLARK, M.W. <i>et al.</i> , "Nanotechnology tools for functional proteomics analysis" <i>American Biotechnology Laboratory</i> , March 2001, 16-18.
GB	COLAS, <i>et al.</i> , "Genetic selection of peptide aptamers that recognize an inhibit cyclin-dependent kinase 2", <i>Nature</i> , April 1996 380(11):548-550.
GC	COLVIN, <i>et al.</i> "Semiconductor nanocrystals covalently bound to metal surfaces with self-assembled monolayers" <i>J. Am. Chem. Soc.</i> , 1992, 114:5221-5230.
GD	CUI, Y, <i>et al.</i> , "Nanowire nanosensors for highly sensitive and selective detection of biological and chemical species" <i>Science</i> , 2001, 293, 1289-1292.
GE	DAI, <i>et al.</i> , "Nanotube Molecular Wires as Chemical Sensors" <i>Science</i> , 28 January 2000, 287:622-625.
GF	DAI, H, <i>et al.</i> , "Controlled chemical routes to nanotube architectures" <i>Physics and Devices, J. Phys. Chem B</i> , 1999, 103:11246-11255.
GG	DAI, H, <i>et al.</i> , "Probing electrical transport in nanomaterials: conductivity of individual carbon nanotubes" <i>Science</i> , 1996, 272(5261):523-526.
GH	DAMMER, <i>et al.</i> , "Binding strength between cell adhesion proteoglycans measured by atomic force microscopy" <i>Science</i> , 1995, 267:1173-1175.
GI	DAMMER, <i>et al.</i> , "Specific antigen/antibody interactions measured by force microscopy" <i>Biophys. J.</i> , 1996, 70:2437-2441.
GJ	
GK	DELAMARCH, E., <i>et al.</i> , "Patterned delivery of immunoglobulins to surfaces using microfluidic networks" <i>Science</i> , 1997, 276:779-781.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005

SERIAL NO.: 09/929,865

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

APPLICANT: Henderson, *et al.*

(Use several sheets if necessary)

FILING DATE: August 14, 2001

CONFIRMATION NO. 8708

GROUP: 1634



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GL	DING, Y., OKA, T., <i>et al.</i> , "Near-field stimulated TOF nanometric surface mass spectroscopy: characterization of Nano-localized surfaces" Joint International Meeting - 200th Meeting of the Electrochemical Society, Inc., 52nd Annual Meeting of the International Society of Electrochemistry, San Francisco, California (2001).
GM	DING, Y., RUGGERO, M. <i>et al.</i> , "Development of UHV-STM/TOF hybrid mass analyzer system for nano-characterization of metal silicide surfaces" 198th Meeting of the Electrochemical Society, Phoenix, Arizona (2000).
GN	DeRISI, <i>et al.</i> , "Exploring the Metabolic and Genetic Control of Gene Expression on a Genomic Scale" <i>Science</i> , October 1997, 278:680-686.
GO	DONG, Y. and SHANNON, C., "Heterogeneous Immunosensing Using Antigen and Antibody Monolayers on Gold Surfaces with Electrochemical and Scanning Probe Detection" <i>Anal. Chem.</i> , 2000, 72:2371-2376.
GP	DONTHA, N., <i>et al.</i> , "Development of sub-micron patterned carbon electrodes for immunoassays" <i>J. Pharm. Biomed. Analysis</i> , (February 1999) 19:83-91.
GQ	DONTHA, N., <i>et al.</i> , "Generation of Biotin/Avidin/Enzyme Nanostructures with Maskless Photolithography" <i>Anal. Chem.</i> , 1997, 69: 619-2625
GR	DUBOIS, L. <i>et al.</i> , "Synthesis, Structure, and Properties of Model Organic Surfaces" <i>Annu. Rev. Phys. Chem.</i> , 1992, 43:437-463.
GS	DURBIN, S., FEHER, G., "Protein crystallization" <i>Annual Review of Phys Chemistry</i> , 1996, 47:171-204.
GT	FALVO, M.R., <i>et al.</i> , "Bending and buckling of carbon nanotubes under large strain" <i>Nature</i> , 1997, 389:582-584.
GU	FAN, S., <i>et al.</i> , "Self-oriented regular arrays of carbon nanotubes and their functional devices" <i>Science</i> , 1999, 283, 512.
GV	FANG, <i>et al.</i> , "Membrane Protein Microarrays" <i>JACS</i> , 2002, 124(11):2394-2395.
GW	FARAJIAN, A.A., <i>et al.</i> , "Nonlinear Coherent Transport Through Doped Nanotube Junctions" <i>Physical Review</i> , June 21, 1999, 82(25):5084-5087.
GX	FEIGON, J. "DNA triplexes, quadruplexe, and aptamers" <i>Clin. Chem.</i> , 1994, 40(4):647-647.
GY	FLORIN, E., <i>et al.</i> , "Adhesion forces between individual ligand-receptor pairs" <i>Science</i> , 1994, 264:415-417.
GZ	FODOR, S., <i>et al.</i> , "Light-directed spatially addressable parallel chemical synthesis" <i>Science</i> 1991, 251: 767-773.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HA	FODOR, S., <i>et al.</i> , "Multiplexed biochemical assays with biological chips" <i>Nature</i> , 1993, 364:555-557.
HB	FRISBIE, C.D., <i>et al.</i> , "Functional group imaging by chemical force microscopy" <i>Science</i> , 1994, 265:2071-2074.
HC	FRITZ, J., <i>et al.</i> , "Translating biomolecular recognition into nanomechanics" <i>Science</i> , 2000, 316-318.
HD	FRITZSCHE, W., <i>et al.</i> , "Application of Atomic Force Microscopy to Visualization of DNA, Chromatin and Chromosomes" <i>Critical Reviews™ in Eukaryotic Gene Expression</i> , 1997, 7(3):231-240.
HE	FRITZSCHE, W., <i>et al.</i> , "Chicken Erythrocyte Nucleosomes Have a Defined Orientation along the Linker DNA-A Scanning Force Microscopy Study" <i>Scanning</i> , 1997, 19:42-47.
HF	FRITZSCHE, W., <i>et al.</i> , "Mapping elasticity of rehydration metaphase chromosomes by scanning force microscopy" <i>Ultramicroscopy</i> , 1997, 69:191-200.
HG	FRITZSCHE, W., <i>et al.</i> , "Ribosomes substructure investigated by scanning force microscopy and image processing" <i>Journal of Microscopy</i> , 1998, 189, Pt 1, 50-56.
HH	FUJIIHARA, <i>et al.</i> , "Effect of capillary force on friction force microscopy: a scanning hydrophilicity microscope" <i>Chemistry Letters</i> , July 1996, 7:499-500.
HI	GILLEN, G., BENNETT, J., <i>et al.</i> , "Molecular imaging secondary ion mass spectrometry for the characterization of patterned self-assembled monolayers on silver and gold" <i>Anal. Chemistry</i> , 1994, 66:2170-2174.
HJ	GIRAULT, S., CHASSAING, G. <i>et al.</i> , "Coupling of MALDI-TOF mass analysis to the separation of biotinylated peptides by magnetic streptavidin beads" <i>Anal. Chemistry</i> 1996, 68:2122-2126.
HK	GRABAR, <i>et al.</i> , "Preparation and characterization of Au colloid monolayers" <i>Anal. Chem.</i> , 1995, 67(4):735-743.
HL	HAAB, <i>et al.</i> , "Protein microarrays for highly parallel detection and quantitation of specific proteins and antibodies in complex solutions" <i>Genome Biology</i> , 2001, 2(2)0004.1-0004.13.
HM	HANSMA, H.G., <i>et al.</i> , "Atomic force microscopy of long and short double-stranded, single-stranded and triple-stranded nucleic acids" <i>Nuc. Acids Res.</i> , 1996, 24(4):713-720.
HN	HANSMA, H.G., <i>et al.</i> , "Recent advances in atomic force microscopy of DNA" <i>Scanning</i> 1993, 15(5):296-9.
HO	HANSMA, H.G., SINSHEIMER, R.L., <i>et al.</i> , "Atomic force microscopy of single- and double-stranded DNA" <i>Nucleic Acids Research</i> 1992, 20:3585-90.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005

SERIAL NO.: 09/929,865

APPLICANT: Henderson, *et al.*

FILING DATE: August 14, 2001

CONFIRMATION NO. 8708

GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	HP	HANSMA, P.K., <i>et al.</i> , "Tapping mode atomic force microscopy in liquids" <i>Appl. Phys. Lett.</i> , 1994, 64(13):1738-1740.
	HQ	HELLER, <i>et al.</i> , "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays" <i>PNAS USA</i> , 1997, 94: 2150-2155.
	HR	HENDERSON, E., "Atomic force microscopy of conventional and unconventional nucleic acid structures" <i>Journal of Microscopy</i> , 1992, 77-84.
	HS	HENDERSON, E., "Imaging and nanodissection of individual supercoiled plasmids by atomic force microscopy" <i>Nuc. Acids Res.</i> , 1992, 20(3):445-447.
	HT	HENDERSON, E., "Imaging of Living Cells by Atomic Force Microscopy" <i>Progress in Surface Science</i> , May 1994, 46(1):39-60.
	HU	HENDERSON, E., "Molecular force detection and spectroscopy with the atomic force microscope" <i>Science Progress</i> , 1998, 81(2):141-151.
	HV	HENDERSON, E., <i>et al.</i> , "Actin Filament Dynamics in Living Glial Cells Imaged by Atomic Force Microscopy" <i>Science</i> , 1992, 257:1944-1946.
	HW	HENDERSON, E., <i>et al.</i> , "New Ribosome Structure" <i>Science</i> , 1984, 255:510-512.
	HX	HENDERSON, E., <i>et al.</i> , "Telomeric DNA oligonucleotides form novel intramolecular structures containing guanine-guanine base pairs" <i>Cell</i> , 1987, 51(6):899-908.
	HY	HENDERSON, <i>et al.</i> , "A method for gold coating experimental detector beampipes" http://www.Ins.cornell.edu/public/CBN/1999/CBN99-7/cbn99-7.pdf , 1999.
	HZ	HILLER, <i>et al.</i> , "Microarrayed allergen molecules: diagnostic gatekeepers for allergy treatment" <i>FASEB</i> , 2002, 16:414-416.
	IA	HINTERDORFER, P. <i>et al.</i> , "Detection and localization of individual antibody-antigen recognition events by atomic force microscopy" <i>PNAS</i> , 1996, 93:3477-3481.
	IB	HOH, J.H., and HANSMA, P.K., "Atomic force microscopy for high resolution imaging in cell biology" <i>Trends in Cell Biology</i> , 1992, 2:208-213.
	IC	HOH, J.H., <i>et al.</i> , "Atomic force microscopy and dissection of gap junctions" <i>Science</i> , 1991, 1405-1408.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ID	HOH, J.H., <i>et al.</i> , "Quantized adhesion detected with the atomic force microscope" <i>J. Am. Chem. Soc.</i> , 1992, 114:4917-4918.
IE	HOLLAND, Vacuum Deposition Of Thin Films (Wiley, New York, NY, 1956) (Book Reference Not Being Provided)
IF	HONG, <i>et al.</i> , "A new tool for studying the in situ growth processes for self-assembled monolayers under ambient conditions" <i>Langmuir</i> , 1999, 15:7879-7900.
IG	HONG, <i>et al.</i> , "Multiple ink nanolithography: toward a multiple-pen nano-plotter" <i>Science</i> , 1999, 286:523-525.
IH	HONG, S. <i>et al.</i> "A Nanoplotter with Both Parallel and Serial Writing Capabilities" <i>Science</i> , June 9, 2000, 288:1808-1811.
II	HOVIS, <i>et al.</i> , "Cyloaddition chemistry and formation of ordered organic monolayers on silicone (001) surfaces" <i>Surface Science</i> , 1998, 402-404, pgs. 1-7.
IJ	HOVIS, <i>et al.</i> , "Structure and bonding of ordered organic monolayers of 1,5-cyclooctadiene on the silicon (001) Surface" <i>J. Phys. Chem. B.</i> , 1997, 101: 9581-9585.
IK	HU, <i>et al.</i> , "Imaging the condensation and evaporation of molecularly thin films of water with nanometer resolution" <i>Science</i> , 1995, 268(5208):267-269.
IL	HUCK, <i>et al.</i> , "Patterned polymer multilayers as etch resists" <i>Langmuir</i> , 1999, 15:6862-6867.
IM	IVANISEVIC, <i>et al.</i> , "Dip-Pen Nanolithography on Semiconductor Surfaces" <i>J. Am. Chem. Soc.</i> , 2001, 123:7887-7889.
IN	IYER, <i>et al.</i> , "The Transcription Program in the Response of Human Fibroblasts to Serum" <i>Science</i> , 1999, 283(5398):83-87.
IO	JACKMAN, <i>et al.</i> , "Fabrication of submicrometer features on curved substrates by microcontact printing" <i>Science</i> , 1995, 269: 664-666.
IP	JAMES, <i>et al.</i> , "Patterned protein layers on solid substrates by thin stamp microcontact printing" <i>Langmuir</i> , 1998, 14:741-744.
IQ	JANES, <i>et al.</i> , "Electronic conduction through 2D arrays of nanometer diameter metal clusters" <i>Superlattices and Microstructures</i> , 1995, 18(4):275-282.
IR	JASCHKE, <i>et al.</i> , "Deposition of organic material by the tip of a scanning force microscope" <i>Langmuir</i> , 1995, 11:1061-1064.
IS	JIN, X., UNERTL, W., "Submicrometer modification of polymer surfaces with a surface force microscope" <i>Applied Physics Letters</i> , 1992, 61(6): 657-659.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005

SERIAL NO.: 09/929,865

APPLICANT: Henderson, *et al.*

FILING DATE: August 14, 2001

CONFIRMATION NO. 8708

GROUP: 1634



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

IT	JONES, V., <i>et al.</i> , "Microminiaturized Immunoassays Using Atomic Force Microscopy and Compositionally Patterned Antigen Arrays 66" <i>Anal. Chem.</i> , 1998, 70(7):1233-1241.
IU	KARPOVICH, <i>et al.</i> , "Direct measurement of the adsorption kinetics of alkanethiolate self-assembled monolayers on microcrystalline gold surface" <i>Langmuir</i> , 1994, 10:3315-3322.
IV	KIM, <i>et al.</i> , "Nanotube nanotweezers" <i>Science</i> , 10 December 1999, 286:2148-2150.
IW	KNEZEVIC <i>et al.</i> , "Proteomic profiling of the cancer microenvironment by antibody arrays" <i>Proteomics</i> , 2001, 1:1271-1278.
IX	KOCHANNEK, <i>et al.</i> , "Transcriptional silencing of human ALU sequences and inhibition of protein binding in the box B regulatory elements by 5'CG3" methylation" <i>FEBS Lett.</i> , 1995, 360(2):115-120 [PMID 7875314] Abstract.
IY	KOMEDA, <i>et al.</i> , "Octadecyltrichlorosilane self-assembled-monolayer islands as a self-patterned-mask for HF etching of SiO ₂ on Si" <i>J. Vac. Sci. Technol. A.</i> , 1998, 16(3):1680-1685.
IZ	KUMAR, <i>et al.</i> , "The use of self-assembled monolayers and a selective etch to generate patterned gold features" <i>J. Am. Chem. Soc.</i> , 1992, 114:9188-9189.
JA	LAHIRI, <i>et al.</i> , "Patterning ligands on reactive SAMs by microcontact printing" <i>Langmuir</i> , 1999, 15:2055-2060.
JB	LAIBINIS <i>et al.</i> , "ω-terminated alkanethiolate monolayers on surfaces of copper, silver, and gold have similar wettabilities ¹ " <i>J. Am. Chem. Soc.</i> , 1992, 114: 1990-1995.
JC	LAL, R. and JOHN, S.A., "Biological applications of atomic force microscopy" <i>Am J. Physiology</i> , 1994, 266(1):1-21.
JD	LANIO, T., <i>et al.</i> , "PCR-based random mutagenesis method using spiked oligonucleotides to ransomize (randomize?) selected parts of gene without any wild-type background" <i>Biotechniques</i> , 1998, 25(6):958-965.
JE	LEE, <i>et al.</i> , "Nanometer-scale lithography on H-passivated Si(100) by atomic force microscope in air" <i>J. Vac. Sci. Technol. A.</i> , 1997, 15(3):1451-1454.
JF	LEE, G. <i>et al.</i> "Direct measurement of the forces between complementary strands of DNA" <i>Science</i> , 1994, 266:771-773,
JG	LERCEL, <i>et al.</i> "Self-assembled monolayer electron-beam resists on GaAs and SiO ₂ " <i>J. Vac. Sci. Technol. B.</i> , 1993, 11(6): 2823-2828.
JH	LERCEL, <i>et al.</i> , "Sub-10nm lithography with self-assembled monolayers" <i>Appl. Phys. Lett.</i> , 1996, 68(11):1504-1506.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JI	LIU, <i>et al.</i> , "Nanofabrication of self-assembled monolayers using scanning probe lithography" <i>Acc. Chem. Res.</i> , 2000, 33(7):457-466.
JJ	LO, <i>et al.</i> , "Organic and inorganic contamination on commercial AFM cantilevers" <i>Langmuir</i> , 1999, 15:6522-6526.
JK	LÜTHI, <i>et al.</i> , "Parallel nanodevice fabrication using a combination of shadow mask and scanning probe methods: <i>Applied Physics Letters</i> , 1999, 75(9):1314-1316.
JL	LUTWYCHE, <i>et al.</i> , "5X5 2D AFM cantilever arrays a first step toward Terabit storage device" <i>Sensors and Actuators</i> , 1999, 73:89-94.
JM	LYNCH, M., <i>et al.</i> , "A Reliable Preparation Method for Imaging DNA by AFM" <i>Microscopy Today</i> , 1999, 99(9) 1 pg.
JN	LYUBCHENKO, Y.L., <i>et al.</i> , "Atomic force microscopy of DNA and bacteriophage in air, water and propanol: The role of adhesion forces" <i>Nuc. Acids Res.</i> , 1993, 21(5):1117-1123.
JO	MACAYA, <i>et al.</i> , "Thrombin-binding DNA aptamer forms a unimolecular quadruplex structure in solution" <i>PNAS USA</i> , April 1993, 90:3745-3749.
JP	MacBEATH, G. and SCHREIBER, S.L., "Printing Proteins as Microarrays for High-Throughput Function Determination" <i>Science</i> , 8 September 2000, 289:1760-1763.
JQ	MAGNO, R., BENNETT, B., "Nanostructure patterns written in III-V semiconductors by an atomic force microscope" <i>Applied Physics Letters</i> , 1997, 70(14):1855-1857.
JR	MALMBORG, <i>et al.</i> , "Real Time Analysis of Antibody-Antigen Reaction Kinetics", <i>Scand. J. Immunol.</i> , 1992, 35:634-650.
JS	MARSH, T.C., <i>et al.</i> , "A new DNA nanosctructure imaged by scanning probe microscopy" <i>Nuc. Acids Res.</i> 1995, 23(4):696-700.
JT	MARSH, T.C., <i>et al.</i> , "G-wires: Self-assembly of a telometic oligonucleotide, d(GGGGTGGGG), into large superstructures" <i>Biochemistry</i> 1994, 33:10718-10724.
JU	MARTIN, B., <i>et al.</i> , "Ortogonal Self-Assembly on Colloidal Gold-Platinum Nanorods" <i>Advanced Materials</i> , 1999, 11:1021.
JV	MATTEUCCI, <i>et al.</i> , "Synthesis of deoxyoligonucleotides on a polymer support 1" <i>J. Am. Chem. Soc.</i> , 1981, 103:3185-3191.
JW	MAYNOR, <i>et al.</i> , "Au :Ink" for AFM "Dip-Pen" Nanolithography" <i>Langmuir</i> , 2001, 17:2575-2579.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
 SERIAL NO.: 09/929,865
 APPLICANT: Henderson, *et al.*
 FILING DATE: August 14, 2001
 CONFIRMATION NO. 8708
 GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

JX	MAZZOLA, L., "Discrimination of DNA hybridization using chemical force microscopy" <i>Biophysical Journal</i> , 1999, 76:2922-2933.
JY	MAZZOLA, L., "Imaging biomolecule arrays by atomic force microscopy" <i>Biophysical Journal</i> , 1995, 68:1653-1660.
JZ	McEUEEN, <i>et al.</i> , "Crossed Nanotube Junctions" <i>Science</i> , 21 April 2000, 288:494-497.
KA	MEISTER, <i>et al.</i> , "Nanoscale Dispensing of Liquids through Cantilevered Probes" <i>MNE '02</i> , Lugano, Switzerland, 16-19 September 2002.
KB	MENDOZA, <i>et al.</i> , "High-Throughput Microarray-Based Enzyme-Linked Immunosorbent Assay (ELISA)" <i>BioTechniques</i> , 1994, 27(4):778-788.
KC	MEYER, G. and N.M. AMER, "Novel optical approach to atomic force microscopy" <i>Appl. Phys. Lett.</i> , 1988, 53:1045-1047.
KD	MINNE, <i>et al.</i> , "Centimeter scale atomic force microscope imaging and lithography" <i>Applied Physics Letters</i> , 1998, 73(12):1742-1744.
KE	MINNE, S.C., <i>et al.</i> , "Automated parallel high-speed atomic force microscopy" <i>Appl. Phys. Lett.</i> , 1998, 72(18):2340-2342.
KF	MIRKIN, <i>et al.</i> , "Dip-Pen Nanolithography: Controlling Surface Architecture on the Sub-100 Nanometer Length Scale" <i>Chemphyschem</i> , 2001, 2:37-39.
KG	MIRKIN, <i>et al.</i> , "Programming the Assembly of Two- and Three-Dimensional Architectures with DNA and Nanoscale Inorganic Building Blocks" Invited Contribution from Recipient of ACS Award in Pure Chemistry" <i>Inorg. Chem.</i> , 2000, 39:2258-2272.
KH	MOSHER, C., <i>et al.</i> , "NanoArrays, The Next Generation Molecular Array Format for High Throughput Proteomics, Diagnostics and Drug Recovery" <i>JALA</i> , 2000, 5(5):75-83.
KI	MOY, <i>et al.</i> , "Intermolecular Forces and Energies Between Ligands and Receptors" <i>Science</i> , 1994, 266:257-259.
KJ	MOY, V.T., <i>et al.</i> , "Probing the forces between complimentary strands of DNA with the atomic force microscope" <i>SPIE</i> , 1995, 2384:2-12.
KK	MUELLER, <i>et al.</i> , "Atomic force microscopy deposition of poly-l-lysine structures onto lipid bilayers supported by mica" <i>Langmuir</i> , 2000, 16:9568-9570.
KL	MÜLLER, <i>et al.</i> , "Nanostructuring of alkanethiols with ultrastrap field emitters" <i>J. Vac. Sci. Technol. B.</i> , 1995, 13(6):2846-2849.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KM	MURRAY, <i>et al.</i> , "Atomic force microscopy of biochemically tagged DNA" <i>Proc., Natl. Acad. Sci.</i> , 1993, 90:3811-3814.
KN	MUSIL, C., "Nanostructuring of gold electrodes for immunosensing applications" <i>J. Vac. Sci. Technol. B.</i> , 1995, 13(6):2781-2786.
KO	NIU, <i>et al.</i> , "Atomic force microscopy of DNA-colloidal gold and DNA-protein complexes" <i>SPIE Advances in DNA Sequencing Technology</i> , 1993, 1891:71-77.
KP	NOY, <i>et al.</i> , "Chemical force microscopy: exploiting chemically-modified tips to quantify adhesion, friction, and functional group distributions in molecular assemblies" <i>J. Am. Chem.</i> , 1995, 117:7943-7951.
KQ	NOY, <i>et al.</i> , "Chemically-sensitive imaging in tapping mode by chemical force microscopy: relationship between phase lag adhesion" <i>Langmuir</i> , 1998, 14:1508-1511.
KR	NUZZO, R., "Spontaneously organized molecular assemblies. 3. Preparation and properties of solution adsorbed monolayers of organic disulfides on gold surfaces" <i>J. Am. Chem. Soc.</i> , 1987, 109:2358-2368.
KS	NYFFENEGGER, <i>et al.</i> , "Nonometer scale surface modification using the scanning probe microscope: progress since 1991" <i>Chem. Rev.</i> , 1997, 97:1195-1230.
KT	O'BRIEN, J., <i>et al.</i> , "Immunosensing Platforms Using Spontaneously Absorbed Antibody Fragments on Gold" <i>Analytical Chemistry</i> , 2000, 72(4):703-710 [PMID 10701253] Abstract.
KU	OSHIO, T. <i>et al.</i> , "Atomic force microscopy detection system using an optical fiber heterodyne interferometer free from external disturbances" <i>Ultramicroscopy</i> 42-44 (July 1992) 310-314.
KV	PAWELETZ, <i>et al.</i> , "Reverse phase protein microarrays which capture disease progression shoe activation of pro-survival pathways at the cancer invasion front" <i>Oncogen</i> , 2001, 20:1981-1989.
KW	PAWLAK, <i>et al.</i> , "Zeptosens' protein microarrays: A novel high performance microarray platform for low abundance protein analysis" <i>Proteomics</i> , 2002., 2:383-393.
KX	PERKINS, <i>et al.</i> , "Fabrication of 15 nm wide trenches in Si by vacuum scanning tunneling microscope lithography of an organosilane self-assembled film and reactive ion etching" <i>Appl. Phys. Lett.</i> , 1996, 68(4):550-552.
KY	PFANNSCHMIDT, <i>et al.</i> , "Sequence-specific labeling of superhelical DNA by triple helix formation and psoralen crosslinking" <i>Nucleic Acids Research</i> , 1996 24(9):1702-1709.
KZ	PINER, <i>et al.</i> , "Improved imaging of soft materials with modified AFM tips" <i>Langmuir</i> , 1999, 15:5457-5460.
LA	PINER, R.D., <i>et al.</i> , "Dip-Pen Nanolithography" <i>Science</i> , January 29, 1999, 283(5402):661-663.
LB	PINER, Richard, "Effect of water on lateral force microscopy in air" <i>Langmuir</i> , 1997, 13:6864-6868.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LC	PUTNAM, C.A.J., "Tapping atomic force microscopy in liquids" <i>Appl. Phys. Lett.</i> , 1994, 64(18):2454-2456.
LD	QIN, <i>et al.</i> , "Fabrication of ordered two-dimensional arrays of micro- and nanoparticles using patterned self-assembled monolayers as templates: <i>Adv. Matter</i> , 1999, 11(17):1433-1437.
LE	RANKIN, P.C. WILSON, A.T. "The Surface Chemistry of the Mica-Aluminum-Sulfate System" <i>Journal of Colloid and Interface Science</i> , (1969) 30(3):277-282.
LF	REED, <i>et al.</i> , "Conductance of molecular junction" <i>Science</i> , 1997, 278:252-254.
LG	RIEF, <i>et al.</i> , "Reversible unfolding of individual Titin Ig-domains by AFM" <i>Science</i> , 1997, 276:1109-1111.
LH	RIEF, M., <i>et al.</i> , "Single Molecule Force Spectroscopy on Polysaccharides by Atomic Force Microscopy" <i>Science</i> , 1997, 275:1295-1297.
LI	RIEF, M., <i>et al.</i> , "The mechanical stability of immunoglobulin and fibronectin III domains in the muscle protein titin measured by atomic force microscopy" <i>Biophysical Journal</i> , 1998, 3008-3014.
LJ	ROBINSON, <i>et al.</i> , Autoantigen microarrays for multiplex characterization of autoantibody responses" <i>Nature Medicine</i> , March 2002, 8(3):1-7.
LK	SANTOS, <i>et al.</i> , "Probing hydrophobic interactions of surfaces and macromolecules with atomic force microscope" <i>Book of Abstracts</i> , 214 ACS National meeting, September 7-11, 1997, PHYS-248.
LL	SASTRY, <i>et al.</i> , "Formation of patterned hetrocolloidal nanoparticle thin films" <i>Langmuir</i> , 2000, 16:3553-3556.
LM	SCHAUS, S., <i>et al.</i> , "Cell Viability and Probe-Cell Membrane Interactions of XR1 Glial Cells Imaged by Atomic Force Microscopy" <i>Biophysical Journal</i> , September 1997, 73:1205-1214.
LN	SCHENA, <i>et al.</i> , "Parallel human genome analysis : Microarray-based expression monitoring of 1000 genes" <i>PNAS USA</i> , 1996, 93:10614-10619.
LO	SCHENA, M., <u>Microarray Biochip Technology</u> , Eaton Publishing, Natick MA 2000. (Book Reference Not Being Provided).
LP	SCHOER, <i>et al.</i> , "Scanning probe lithography. 4. Characterization of scanning tunneling microscope-induced patterns in <i>n</i> -Alkylthiol self-assembled monolayers" <i>Langmuir</i> , 1997, 13:2323-2332.
LQ	SCHUMACHER, <i>et al.</i> , "Nanomachining of mesoscopic electronic devices using an atomic force microscope" <i>Applied Physics</i> , 1999, 75(8):1107-1109.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LR	SCHWARTZ, <i>et al.</i> "Meniscus Force Nanografting: Nanoscopic Patterning of DNA" <i>Langmuir</i> , 2001, 17:5971-5977.
LS	SCHWARTZ, <i>et al.</i> , "Molecular Transport from an Atomic Force Microscope Tip: A Comparative Study of Dip-Pen Nanolithography" <i>Langmuir</i> , American Chemical Society, November 6, 2001
LT	SCHWEITZER, <i>et al.</i> , "Multiplexed protein profiling on microarrays by rolling-circle amplification" <i>Nature Biotechnology</i> , April 2002, 20:359-365.
LU	SHAIU, W.L., <i>et al.</i> , "Atomic Force Microscopy of Oriented Linear DNA Molecules Labeled with 5nm Gold Spheres" <i>Nuc. Acids Res.</i> , 1993, 21(1):99-103.
LV	SHAIU, W.L., <i>et al.</i> , "Visualization of circular DNA molecules labeled with colloidal gold spheres using atomic force microscopy" <i>J. Vac. Sci. Technol. A.</i> , 11(4):820-823.
LW	SHEEHAN, <i>et al.</i> , "Thiol diffusion and the role of humidity in "dip pen" nanolithography" <i>Physical Review Letters</i> , 15 April 2002, 88(15):156104-1-156104-4.
LX	SHEEN, <i>et al.</i> , "A new class of organized self-assembled monolayers: alkane thiols on GaAs (100)" <i>J. Am. Chem. Soc.</i> , 1992, 114:1514-1515.
LY	SHERMAN, Chemical Vapor Deposition For Microelectornices: Principles, Technology and Applications (Noyes, Park Ridges, NJ, 1987). (Book Reference Not Being Provided)
LZ	SHLYAKHTENKO, L.S., <i>et al.</i> , "Structure and dynamics of supercoil-stabilized DNA cruciforms" <i>J. Mol. Biol.</i> , 1998, 280(1):61-72.
MA	SHLYAKHTENKO, L.S., GALL, A.A., <i>et al.</i> , "Atomic force microscopy imaging of DNA covalently immobilized on a functionalized mica substrate" <i>Biophysical Journal</i> , July 1999, 77:568-576.
MB	SILZEL, <i>et al.</i> , "Mass-sensing, multianalyte microarray immunoassay with imaging detection" <i>Clinical Chemistry</i> , 1998, 44(9):2036-2043.
MC	SMALLEY, <i>et al.</i> , "Nanotube Device" <i>Science</i> , 3 October 1997, 278:100-103.
MD	SMITH <i>et al.</i> , "Overstretching B-DNA: the elastic response of individual double-stranded and single stranded DNA molecules" <i>Science</i> , 9 February 1996, 271:795-799.
ME	SNOW, <i>et al.</i> , "High speed patterning of a metal silicide using scanned probe lithography" <i>Applied Physics Letters</i> , 1999, 75(10):1476-1478.
MF	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005

SERIAL NO.: 09/929,865

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

APPLICANT: Henderson, *et al.*

(Use several sheets if necessary)

FILING DATE: August 14, 2001

CONFIRMATION NO. 8708

GROUP: 1634



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MG	SOH, H., <i>et al.</i> , "Integrated nanotube circuits: controlled growth and ohmic contacts to single-walled-carbon nanotubes" <i>Appl. Phys. Letts.</i> , 1999, 75(5): 627-629.
MH	SONDAG-HUETHORST, <i>et al.</i> , "Generation of electrochemically deposited metal patterns by means of electron beam (nano)lithography of self-assembled monolayer resists" <i>Appl. Phys. Lett.</i> 1994, 64(3):285-287.
MI	SOUTHERN, E.M., "Detection of specific sequences among DNA fragments separated by gel electrophoresis" <i>J. Mol. Biol.</i> 1975, 98:503-517.
MJ	Spectroscopy Europe – News February/March 2002, 6 pages, http://www.spectroscopyeurope.com/news14_1.html
MK	SPENCE, J., WEIERSTALL, U., <i>et al.</i> , "Atomic species identification in scanning tunneling microscopy by time of flight spectroscopy" <i>J. Vac. Sci. Tech.</i> , 1996, B14(3):1587-1590.
ML	SREEKUMAR, <i>et al.</i> , "Profiling of cancer cells using protein microarrays: Discovery of novel radiation-regulated proteins" <i>Cancer Research</i> , 2001, 61:7585-7593.
MM	STEINER, <i>et al.</i> , "Adsorption of alkanenitriles and alkanedinitriles on gold and copper" <i>Langmuir</i> , 1992, 8:2271-2777.
MN	STÖCKLE, R., SETZ, P. "Nanoscale Atmospheric Pressure Laser Ablation-Mass Spectrometry" <i>Anal. Chem.</i> , 2001, 73(7):1399-1402.
MO	SU, <i>et al.</i> , "Moving beyond Molecules: Patterning Solid-State Features via Dip-Pen Nanolithography with Sol-Based Inks" <i>JACS</i> , 2002, 124(8):1560-1561.
MP	SUN, <i>et al.</i> , "Nanoscale Molecular Patterns Fabricated by Using Scanning Near-Field Optical Lithography" <i>JACS</i> , 2002, 124(11):2414-2415.
MQ	TANG, K., FU, D., <i>et al.</i> , "Matrix-assisted laser desorption/ionization mass spectrometry of immobilized duplex DNA probes" <i>Nucleic Acids Research</i> , 1995, 23(16):3126-3131.
MR	TANS, <i>et al.</i> , "Room-temperature transistor based on a single carbon nanotube" <i>Nature</i> , 7 May 1998, 393:49-52.
MS	TARLOV, M.J., NEWMAN, J.G., <i>et al.</i> , "Static secondary ion mass spectrometry of self-assembled alkanethiol monolayers on gold" <i>Langmuir</i> , 1992, 8:1398-1405.
MT	TIEN, <i>et al.</i> , "Microfabrication through electrostatic self-assembly" <i>Langmuir</i> , 1997, 13:5349-5355.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MU	TROUGHTON, E., BAIN, C., <i>et al.</i> , "Monolayer films prepared by the spontaneous self-assembly of symmetrical and unsymmetrical dialkyl sulfides from solution onto gold substrates: Structure, properties and reactivity of constituent functional groups" <i>Langmuir</i> , 1988, 4:365-385.
MV	TSUKAMOTO, <i>et al.</i> "Twin-probe scanning tunneling microscope" <i>Rev. Sci. Instrum.</i> , July 1991, 62(7):767-1771.
MW	UETZ, P., <i>et al.</i> , "A comprehensive analysis of protein-protein interactions in <i>Saccharomyces cerevisiae</i> " <i>Nature</i> , 10 February 2000, 403(6770):623-627.
MX	ULMAN, Abraham, "Formation and structure of self-assembled monolayers" <i>Chem. Rev.</i> , 1996, 96:1533-1554.
MY	ULMAN, An Introduction To Ultrathin Organic Films: From Langmuir-Blodgett to Self-Assembly (Academic, Boston 1991) (Alkanethiols on gold). (Book Reference Not Being Provided)
MZ	VESENKA, J. <i>et al.</i> , "A substrate preparation for reliable imaging of DNA molecules with the scanning force microscope" <i>Ultramicroscopy</i> , 1992, 42-44:1243-1249.
NA	VESENKA, J., <i>et al.</i> , "Colloidal gold particles as an incompressible atomic force microscope imaging standard for assessing the compressibility of biomolecules" <i>Biophys. J.</i> , 1993, 65:992-997.
NB	VESENKA, J., <i>et al.</i> , "Combining optical and atomic force microscopy for life sciences research" <i>BioTechniques</i> , 1995, 19(2):240-253.
NC	VETTIGER, <i>et al.</i> , "Ultrahigh density, high-data-rate NEMS-based AFM data storage system" <i>Microelectronic Engineering</i> , 1999, 46:11-17.
ND	VEZENOV, Dmitri, "Force titrations and ionization state sensitive imaging of functional groups in aqueous solutions by chemical force microscopy" <i>J. Am. Chem. Soc.</i> , 1997, 119:2006-2015.
NE	VOSSMEYER, <i>et al.</i> , "Combinatorial approaches toward patterning nanocrystals" <i>Journal of Applied Physics</i> , 1998, 84(7):3664.
NF	WADU-MESTHRIGE, <i>et al.</i> , "Fabrication and imaging of nanometer-sized protein patterns" <i>Langmuir</i> , 1999, 15:8580-8583.
NG	WALLRAFF, <i>et al.</i> , "Lithographic imaging techniques for the formation of nanoscopic features" <i>Chem. Rev.</i> , 1999, 99:1801-1821.
NH	WALTERS, D.A., HAMPTON, A.D., <i>et al.</i> "Atomic force microscope integrated with a scanning electron microscope for tip fabrication" <i>Applied Physics Letters</i> , 8 August 1994, 65(6):787-789.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NI	WANG, <i>et al.</i> , "Nanometer scale patterning and pattern transfer on amorphous Si, crystalline Si, and SiO ₂ surfaces using self-assembled monolayers" <i>Appl. Phys. Lett.</i> , 1997, 70(12):1593-1595.
NJ	WEIERSTALL, U. SPENSE, J. "Atom species identification in STM using an Imaging Atom-Probe technique" <i>Surface Science</i> 1998, 398: 267-279.
NK	WHITESIDES, <i>et al.</i> , "Self-assembled monolayers and lithography" <i>Nanophase Chemistry</i> 1995, 39: 109-122.
NL	WILBUR, <i>et al.</i> , "Scanning force microscopes can image patterned self-assembled monolayers" <i>Langmuir</i> , 1995, 11:825-831.
NM	WILLIAMSON, <i>et al.</i> , "G-quartets in biology: Reprise" <i>PNAS USA</i> , 15 April 1993, 90(8):3124-3124.
NN	WILLIAMSON, <i>et al.</i> , "Monovalent cation-induced structure of telomeric DNA: The G-quartet model" <i>Cell</i> , 1989, 59(5):871-880.
NO	WILSON, <i>et al.</i> , "Surface organization and nanopatterning of collagen by dip-pen nanolithography" <i>PNAS</i> , November 20, 2001, 98(24):13660-13664.
NP	WONG, S., <i>et al.</i> , "Covalently functionalized nanotubes as nanometre-sized probes in chemistry and biology" <i>Nature</i> , 1998, 394:52-55.
NQ	WONG, S., <i>et al.</i> , "Covalently functionalized single-walled carbon nanotube probe tips for chemical force microscopy" <i>Journal of the American Chemical Society</i> , 1998, 120:8557-8558.
NR	WONG, S., <i>et al.</i> , "Functionalization of carbon nanotube AFM probes using tip-activated gases" <i>Chem Physics Letters</i> , 1999, 306:219-225.
NS	XIA, <i>et al.</i> , "A selective etching solution for use with patterned self-assembled monolayers of alkanethiolates on gold" <i>Chem. Mater.</i> , 1995, 7:2332-2337.
NT	XIA, <i>et al.</i> , "Complex optical surfaces formed by replica molding against elastomeric masters" <i>Science</i> , 1996, 273: 347-349.
NU	XIA, <i>et al.</i> , "Pattern transfer: self-assembled monolayers as ultrathin resists" <i>Microelectronic Engineering</i> , 1996, 32:255-268.
NV	XIA, <i>et al.</i> , "Soft lithography" <i>Agnew Chem. Int. Ed.</i> , 1998, 37:551-575.
NW	XIA, <i>et al.</i> , "Unconventional methods for fabricating and patterning nanostructures" <i>Chem. Rev.</i> , 1999, 99:1823-1848.
NX	XU, <i>et al.</i> , "Fabrication of nanometer scale patterns within self-assembled monolayers by nanografting" <i>Langmuir</i> , 1999, 15:7244-7251.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016348/9005
SERIAL NO.: 09/929,865
APPLICANT: Henderson, *et al.*
FILING DATE: August 14, 2001
CONFIRMATION NO. 8708
GROUP: 1634

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	NY	XU, <i>et al.</i> , "Nanometer-scale fabrication by simultaneous nanoshaving and molecular self-assembly: <i>Langmuir</i> , 1997, 13:127-129.
	NZ	XU, <i>et al.</i> , "Wetting and capillary phenomena of water on mica" <i>J. Phys. Chem. B.</i> , 1998, 102:540-548.
	OA	YAN LI, <i>et al.</i> , "Electrochemical AFM "Dip-Pen" Nanolithography" <i>J. Am. Chem. Soc.</i> 2001, 123:2105-2106.
	OB	YAN, <i>et al.</i> "Patterning a performed, reactive SAM using microcontact printing" <i>J. Am. Chem. Soc.</i> , 1998, 120:6179-6180.
	OC	YAN, <i>et al.</i> , "Patterning thin films of poly(ethylene imine) on a reactive SAM using microcontact printing" <i>Langmuir</i> , 1999, 15:1208-1214.
	OD	YING, <i>et al.</i> , "Programmable Delivery of DNA through a Nanopipet" <i>Anal. Chem.</i> , 2002, 74:1380-1385.
	OE	YOUIL, R., "Screening for mutations by enzyme mismatch cleavage with T4 endonuclease VII <i>PNAS USA</i> , 1995, 92(1):87-91.
	OF	ZHONG, Q., <i>et al.</i> , "Fractured polymer/silica fiber surface studied by tapping mode atomic force microscopy" <i>Surf. Sci. Lett.</i> , January 3, 1993, 290: L 688-L692.
	OG	ZHU, <i>et al.</i> , "Analysis of yeast protein kinases using protein chips" <i>Nature Genetics</i> , 2000, 26:283-289.
	OH	ZHU, <i>et al.</i> , "Global Analysis of Protein Activities Using Proteome Chips" <i>Science</i> , September 2001, 293(14):2101-2105.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.